EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	171980	@pd>"20080404"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 16:58
L2	4889	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 16:59
L3	1929	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 16:59
L4	4882	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 16:59
L5	11275	L2 L3 L4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 16:59
L6	303	1 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 16:59
S1	1	(("6159201") or ("2002161277")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/25 10:30
S2	1	("20020161277").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/24 21:09
S3	1	("20060025756").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/24 21:12
S4	5069	cabg or (coronary with artery with bypass with graft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/24 21:13
S5	1406057	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/24 21:13
S6	2023	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/24 21:14
S7	864	S4 and S5	USPAT	OR	ON	2007/08/24 23:29
S8	5	S4 and S5	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 23:30
S9	5	S6 not S7	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 23:31
S10	1154	S6 not S7	US-PGPUB	OR	ON	2007/08/24 23:32
S11	0	S7 or S8	US-PGPUB	OR	ON	2007/08/24 23:32
S12	1154	S7 or S10	US-PGPUB	OR	ON	2007/08/24 23:32
S13	2018	S7 or S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/24 23:32
S14	438081	@pd<"20030930"	US-PGPUB	OR	ON	2007/08/24 23:33
S15	390	S12 and S14	US-PGPUB	OR	ON	2007/08/24 23:41

S16	3103	(organ or surgery) and ((vacuum or suction) with (position$3 or retract$3))	USPAT	OR	ON	2007/08/24 23:42
S17	1042	(organ or surgery) and ((vacuum or suction) near2 (position$3 or retract$3))	USPAT	OR	ON	2007/08/24 23:42
S18	481	(organ or surgery) and ((vacuum) near2 (position$3 or retract$3))	USPAT	OR	ON	2007/08/24 23:42
S19	50	("20040138522" "20050215851" "6080175" "20020029060" "20050209564" "20060041243" "6368299" "6036641" "6081738" "6113534" "6241667" "6346077" "6394951" "6743169" "7056287" "20020010388" "20020147406" "20040230099" "20040242968" "20050010079" "5897553" "4944724" "5309896" "5356386" "5402722" "5454367" "5465711" "5527264" "5531856" "5562603" "5743850" "5823945" "5865728" "5935120" "6007523" "6348036" "6364833" "6395026" "6416469" "6447504" "6450951" "6475142" "6500116" "6599240" "6730022" "5571088" "5575772" "5980545" "6379351" "20030158463").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:36
S20	99	("5618296" "6328747" "20040138522" "6081738" "4320761" "4515583" "4589414" "4842578" "4858595" "4900300" "5190518" "5215521" "5269785" "5403317" "5403326" "5520634" "5527273" "5577517" "5591187" "5693064" "5694951" "5788679" "5830214" "5839639" "5935131" "5984938" "5989183" "6036641" "6039715" "6080175" "6090041" "6110103" "6113534" "6120519" "6174313" "6217584" "6217584" "6241667" "6258110" "6277136" "6338712" "6344038" "6346077" "6358266" "6368299" "6368324" "6394951" "6451022" "6468289" "6607534" "6610076" "6652532" "6719803" "6743169" "6835198" "6942650" "6989016" "6990982" "7056287" "20020010388" "20020029060" "20020082628" "20020091403" "20020091406" "20020147406" "20040082906" "20040116942" "20040133228" "20040204725" "20040220589" "20040230099" "20040242968" "20050010079" "20050209564" "20050215851" "20060041243" "20060058585" "4620547" "4785796" "5209747" "5383880" "5518163" "5518164" "5649957" "5667517" "5685838" "5779713" "5810809" "5836503" "5957881" "6066145" "6214012" "6214012" "20030163136" "20060020282" "4473073" "6423083" "6610075" "7056327" "20040010277").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:37

S21	79	S20 not S19	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:40
S22	3	vacuum adj assisted adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:41
S23	8671	vacuum with retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:42
S24	1073521	vacuum near2retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:42
S25	1783	vacuum near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:42
S26	180	vacuum adj retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:45
S27	8006	suction adj head	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:46
S28	3175	(suction or vacuum) near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:46
S29	184	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 11:16
S30	61	removable with S27	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:51
S31	182	S29 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 10:51
S32	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/25 13:06
S33	0	("sternotomyorthoracotomyor (miniadjthoracotomy)").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/25 13:07
S34	5761	sternotomy or thoracotomy or (mini adj thoracotomy)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 13:07
S35	5761	sternotomy or thoracotomy or (mini adj thoracotomy) and bypass adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 13:08
S36	1530	(multiple or two or three or four) adj incision	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 13:08
S37	1406057	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 13:09
S38	421	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/25 13:09
S39	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/10 14:34
S40	1	("6572525").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/10 14:44

S41	30	("20020045888" | "20020082612" | "20020128552" | "20030013949" | "20030055410" | "20030078471" | "20030120268" | "20030158463" | "20030158464" | "20030216715" | "20040092875" | "20040102771" | "20040118118" | "20040181119" | "20040181120" | "20050010079" | "20050033270" | "20050059853" | "20050107808" | "20060178559" | "20060241414" | "5256132" | "5553198" | "5657429" | "5735290" | "6174307" | "6459926" | "6468265" | "6517563" | "6936001").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/10 23:31
S42	4826	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/04 16:25
S43	1890	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/04 16:25
S44	4831	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/04 16:26
S45	11124	S42 S43 S44	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/04 16:26
S46	71673	@pd>"20080410"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/04 16:26
S47	136	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/04 16:26
S48	1	(first and second and incision and suction and head and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/04 16:40
S49	99	(first and second and incision and position $3 and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/04 16:41
S50	6	(first and second and incision and chest and cavity and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/04 16:44
S51	4	(("6159201") or ("6459926") or ("7338434") or ("20020161277")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:37
S52	4880	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:39
S53	1926	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:39
S54	4878	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:39
S55	11259	S52 S54 S53	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:40
S56	163135	@pd>"20080406"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:40
S57	287	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:40
S58	1	(("6159201") or ("2002161277")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43

S59	1	("20020161277").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S60	1	("20060025756").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S61	5600	cabg or (coronary with artery with bypass with graft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S62	1477761	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S63	2249	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S64	942	S61 and S62	USPAT	OR	ON	2008/08/04 07:43
S65	6	S61 and S62	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/04 07:43
S66	6	S63 not S64	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/04 07:43
S67	1301	S63 not S64	US-PGPUB	OR	ON	2008/08/04 07:43
S68	0	S64 or S65	US-PGPUB	OR	ON	2008/08/04 07:43
S69	1301	S64 or S67	US-PGPUB	OR	ON	2008/08/04 07:43
S70	2243	S64 or S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/04 07:43
S71	438081	@pd<"20030930"	US-PGPUB	OR	ON	2008/08/04 07:43
S72	390	S69 and S71	US-PGPUB	OR	ON	2008/08/04 07:43
S73	3246	(organ or surgery) and ((vacuum or suction) with (position$3 or retract$3))	USPAT	OR	ON	2008/08/04 07:43
S74	1100	(organ or surgery) and ((vacuum or suction) near2 (position$3 or retract$3))	USPAT	OR	ON	2008/08/04 07:43
S75	508	(organ or surgery) and ((vacuum) near2 (position$3 or retract$3))	USPAT	OR	ON	2008/08/04 07:43
S76	50	("20040138522" "20050215851" "6080175" "20020029060" "20050209564" "20060041243" "6368299" "6036641" "6081738" "6113534" "6241667" "6346077" "6394951" "6743169" "7056287" "20020010388" "20020147406" "20040230099" "20040242968" "20050010079" "5897553" "4944724" "5309896" "5356386" "5402772" "5454367" "5465711" "5527264" "5531856" "5562603" "5743850" "5823945" "5865728" "5935120" "6007523" "6348036" "6364833" "6395026" "6416469" "6447504" "6450951" "6475142" "6500116" "6599240" "6730022" "5571088" "5575772" "5980545" "6379351" "20030158463").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43

S77	99	("5618296" "6328747" "20040138522" "6081738" "4320761" "4515583" "4589414" "4842578" "4858595" "4900300" "5190518" "5215521" "5269785" "5403317" "5403326" "5520634" "5527273" "5577517" "5591187" "5693064" "5694951" "5788679" "5830214" "5839639" "5935131" "5984938" "5989183" "6036641" "6039715" "6080175" "6090041" "6110103" "6113534" "6120519" "6174313" "6217584" "6217584" "6241667" "6258110" "6277136" "6338712" "6344038" "6346077" "6358266" "6368299" "6368324" "6394951" "6451022" "6468289" "6607534" "6610076" "6652532" "6719803" "6743169" "6835198" "6942650" "6989016" "6990982" "7056287" "20020010388" "20020029060" "20020082628" "20020091403" "20020091406" "20020147406" "20040082906" "20040116942" "20040133228" "20040204725" "20040220589" "20040230099" "20040242968" "20050100079" "20050209564" "20050215851" "20060041243" "20060058585" "4620547" "4785796" "5209747" "5383880" "5518163" "5518164" "5649957" "5667517" "5685838" "5779713" "5810809" "5836503" "5957881" "6066145" "6214012" "6214012" "20030163136" "20060020282" "4473073" "6423083" "6610075" "7056327" "20040010277"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S78	79	S77 not S76	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S79	5	vacuum adj assisted adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S80	9127	vacuum with retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S81	1131843	vacuum near2retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S82	1903	vacuum near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S83	195	vacuum adj retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S84	8343	suction adj head	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S85	3376	(suction or vacuum) near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43

S86	196	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S87	70	removable with S84	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S88	194	S86 not S87	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S89	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S90	0	("sternotomyorthoracotomyor (miniadjthoracotomy)").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S91	6323	sternotomy or thoracotomy or (mini adj thoracotomy)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S92	6323	sternotomy or thoracotomy or (mini adj thoracotomy) and bypass adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S93	1773	(multiple or two or three or four) adj incision	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S94	1477761	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S95	511	S93 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S96	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S97	1	("6572525").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S98	30	("20020045888" | "20020082612" | "20020128552" | "20030013949" | "20030055410" | "20030078471" | "20030120268" | "20030158463" | "20030158464" | "20030216715" | "20040092875" | "20040102771" | "20040181118" | "20040181119" | "20040181120" | "20050010079" | "20050033270" | "20050059853" | "20050107808" | "20060178559" | "20060241414" | "5256132" | "5553198" | "5657429" | "5735290" | "6174307" | "6459926" | "6468265" | "6517563" | "6936001").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S99	4880	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S100	1926	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S101	4878	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/04 07:43
S102	11259	S99 S100 S101	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S103	155519	@pd>"20080410"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43

S104	271	S102 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S105	1	(first and second and incision and suction and head and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S106	103	(first and second and incision and position $3 and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S107	6	(first and second and incision and chest and cavity and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/04 07:43
S108	1	(("6159201") or ("2002161277")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S109	1	("20020161277").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S110	1	("20060025756").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S111	5609	cabg or (coronary with artery with bypass with graft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S112	1478957	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S113	2252	S111 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S114	943	S111 and S112	USPAT	OR	ON	2008/08/08 15:26
S115	6	S111 and S112	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:26
S116	6	S113 not S114	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:26
S117	1303	S113 not S114	US-PGPUB	OR	ON	2008/08/08 15:26
S118	0	S114 or S115	US-PGPUB	OR	ON	2008/08/08 15:26
S119	1303	S114 or S117	US-PGPUB	OR	ON	2008/08/08 15:26
S120	2246	S114 or S117	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/08 15:26
S121	438081	@pd<"20030930"	US-PGPUB	OR	ON	2008/08/08 15:26
S122	390	S119 and S121	US-PGPUB	OR	ON	2008/08/08 15:26
S123	3246	(organ or surgery) and ((vacuum or suction) with (position$3 or retract$3))	USPAT	OR	ON	2008/08/08 15:26
S124	1100	(organ or surgery) and ((vacuum or suction) near2 (position$3 or retract$3))	USPAT	OR	ON	2008/08/08 15:26
S125	508	(organ or surgery) and ((vacuum) near2 (position$3 or retract$3))	USPAT	OR	ON	2008/08/08 15:26

S126	50	("20040138522" "20050215851" "6080175" "20020029060" "20050209564" "20060041243" "6368299" "6036641" "6081738" "6113534" "6241667" "6346077" "6394951" "6743169" "7056287" "20020010388" "20020147406" "20040230099" "20040242968" "20050010079" "5897553" "4944724" "5309896" "5356386" "5402772" "5454367" "5465711" "5527264" "5531856" "5562603" "5743850" "5823945" "5865728" "5935120" "6007523" "6348036" "6364833" "6395026" "6416469" "6447504" "6450951" "6475142" "6500116" "6599240" "6730022" "6571088" "5575772" "5980545" "6379351" "20030158463").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S127	99	("5618296" "6328747" "20040138522" "6081738" "4320761" "4515583" "4589414" "4842578" "4858595" "4900300" "5190518" "5215521" "5269785" "5403317" "5403326" "5520634" "5527273" "5577517" "5591187" "5693064" "5694951" "5788679" "5830214" "5839639" "5935131" "5984938" "5989183" "6036641" "6039715" "6080175" "6090041" "6110103" "6113534" "6120519" "6174313" "6217584" "6217584" "6241667" "6258110" "6277136" "6338712" "6344038" "6346077" "6358266" "6368299" "6368324" "6394951" "6451022" "6468289" "6607534" "6610076" "6652532" "6719803" "6743169" "6835198" "6942650" "6989016" "6990982" "7056287" "20020010388" "20020029060" "20020082628" "20020091403" "20020091406" "20020147406" "20040082906" "20040116942" "20040133228" "20040204725" "20040220589" "20040230099" "20040242968" "20050010079" "20050209564" "20050215851" "20060041243" "20060058585" "4620547" "4785796" "5209747" "5383880" "5518163" "5518164" "5649957" "5667517" "5685838" "5779713" "5810809" "5836503" "5957881" "6066145" "6214012" "6214012" "20030163136" "20060020282" "4473073" "6423083" "6610075" "7056327" "20040010277").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S128	79	S127 not S126	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S129	5	vacuum adj assisted adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26

S130	9132	vacuum with retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S131	1132879	vacuum near2retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S132	1906	vacuum near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S133	196	vacuum adj retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S134	8346	suction adj head	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S135	3379	(suction or vacuum) near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S136	196	S134 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S137	70	removable with S134	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S138	194	S136 not S137	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S139	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S140	0	("sternotomyorthoracotomyor (miniad|thoracotomy)").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S141	6334	sternotomy or thoracotomy or (mini adj thoracotomy)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S142	6334	sternotomy or thoracotomy or (mini adj thoracotomy) and bypass adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S143	1774	(multiple or two or three or four) adj incision	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S144	1478957	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S145	511	S143 and S144	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S146	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S147	1	("6572525").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26

S148	30	("20020045888" | "20020082612" | "20020128552" | "20020013949" | "20030055410" | "20030078471" | "20030120268" | "20030158463" | "20030158464" | "20030216715" | "20040092875" | "20040102771" | "20040181118" | "20040181119" | "20040181120" | "20050010079" | "20050033270" | "20050059853" | "20060107808" | "20060178559" | "20060024414" | "5256132" | "5553198" | "5657429" | "5735290" | "6174307" | "6459926" | "6468265" | "6517563" | "6936001").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S149	4889	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S150	1929	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S151	4882	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S152	11275	S149 S150 S151	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S153	164364	@pd>"20080410"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S154	287	S152 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S155	1	(first and second and incision and suction and head and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S156	103	(first and second and incision and position $3 and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S157	6	(first and second and incision and chest and cavity and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S158	4	(("6159201") or ("6459926") or ("7338434") or ("20020161277")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S159	4889	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S160	1929	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S161	4882	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S162	11275	S159 S161 S160	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S163	171980	@pd>"20080406"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S164	303	S162 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S165	1	(("6159201") or ("2002161277")).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26

S166	1	("20020161277").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S167	1	("20060025756").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S168	5609	cabg or (coronary with artery with bypass with graft)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S169	1478957	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S170	2252	S168 and S169	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S171	943	S168 and S169	USPAT	OR	ON	2008/08/08 15:26
S172	6	S168 and S169	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:26
S173	6	S170 not S171	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/08 15:26
S174	1303	S170 not S171	US-PGPUB	OR	ON	2008/08/08 15:26
S175	0	S171 or S172	US-PGPUB	OR	ON	2008/08/08 15:26
S176	1303	S171 or S174	US-PGPUB	OR	ON	2008/08/08 15:26
S177	2246	S171 or S174	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/08/08 15:26
S178	438081	@pd<"20030930"	US-PGPUB	OR	ON	2008/08/08 15:26
S179	390	S176 and S178	US-PGPUB	OR	ON	2008/08/08 15:26
S180	3246	(organ or surgery) and ((vacuum or suction) with (position$3 or retract$3))	USPAT	OR	ON	2008/08/08 15:26
S181	1100	(organ or surgery) and ((vacuum or suction) near2 (position$3 or retract$3))	USPAT	OR	ON	2008/08/08 15:26
S182	508	(organ or surgery) and ((vacuum) near2 (position$3 or retract$3))	USPAT	OR	ON	2008/08/08 15:26
S183	50	("20040138522" "20050215851" "6080175" "20020029060" "20050209564" "20060041243" "6368299" "6036641" "6081738" "6113534" "6241667" "6346077" "6394951" "6743169" "7056287" "20020010388" "20020147406" "20040230099" "20040242968" "20050010079" "5897553" "4944724" "5309896" "5356386" "5402772" "5454367" "5465711" "5527264" "5531856" "5562603" "5743850" "5823945" "5865728" "5935120" "6007523" "6348036" "6364833" "6395026" "6416469" "6447504" "6450951" "6475142" "6500116" "6599240" "6730022" "5571088" "5575772" "5980545" "6379351" "20030158463").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26

S184	99	{"5618296" "6328747" "20040138522" "6081738" "4320761" "4515583" "4589414" "4842578" "4858595" "4900300" "5190518" "5215521" "5269785" "5403317" "5403326" "5520634" "5527273" "5577517" "5591187" "5693064" "5694951" "5788679" "5830214" "5839639" "5935131" "5984938" "5989183" "6036641" "6039715" "6080175" "6090041" "6110103" "6113534" "6120519" "6174313" "6217584" "6217584" "6241667" "6258110" "6277136" "6338712" "6344038" "6346077" "6358266" "6368299" "6368324" "6394951" "6451022" "6468289" "6607534" "6610076" "6652532" "6719803" "6743169" "6835198" "6942650" "6989016" "6990982" "7056287" "20020010388" "20020029060" "20020082628" "20020091403" "20020091406" "20020147406" "20040082906" "20040116942" "20040133228" "20040204725" "20040220589" "20040230099" "20040242968" "20050100079" "20050209564" "20050215851" "20060041243" "20060058585" "4620547" "4785796" "5209747" "5383880" "5518163" "5518164" "5649957" "5667517" "5685838" "5779713" "5810809" "5836503" "5957881" "6066145" "6214012" "6214012" "20030163136" "20060020282" "4473073" "6423083" "6610075" "7056327" "20040010277").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S185	79	S184 not S183	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S186	5	vacuum adj assisted adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S187	9132	vacuum with retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S188	1132879	vacuum near2retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S189	1906	vacuum near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S190	196	vacuum adj retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S191	8346	suction adj head	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S192	3379	(suction or vacuum) near2 retract$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26

S193	196	S191 and S192	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S194	70	removable with S191	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S195	194	S193 not S194	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S196	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S197	0	("sternotomyorthoracotomyor (miniadjthoracotomy)").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S198	6334	sternotomy or thoracotomy or (mini adj thoracotomy)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S199	6334	sternotomy or thoracotomy or (mini adj thoracotomy) and bypass adj surgery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S200	1774	(multiple or two or three or four) adj incision	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S201	1478957	vacuum or suction	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S202	511	S200 and S201	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S203	1	("6251065").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S204	1	("6572525").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S205	30	("20020045888" | "20020082612" | "20020128552" | "20030013949" | "20030055410" | "20030078471" | "20030120268" | "20030158463" | "20030158464" | "20030216715" | "20040092875" | "20040102771" | "20040181118" | "20040181119" | "20040181120" | "20050010079" | "20050033270" | "20050059853" | "20050107808" | "20060178559" | "20060241414" | "5256132" | "5553198" | "5657429" | "5735290" | "6174307" | "6459926" | "6468265" | "6517563" | "6936001").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S206	4889	(128/897,898).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S207	1929	(600/37,201-205,208,210,235).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S208	4882	(606/1,108,191,158).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/08 15:26
S209	11275	S206 S207 S208	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S210	164364	@pd>"20080410"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26

S211	287	S209 and S210	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S212	1	(first and second and incision and suction and head and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S213	103	(first and second and incision and position $3 and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26
S214	6	(first and second and incision and chest and cavity and organ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/08 15:26

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